

20010320.qrp v02_n133.qrl.20010320

Date: Tue, 20 Mar 2001 19:03:09 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2133

QRP-L Digest 2133

Topics covered in this issue include:

- 1) [94507] RE: Low power wattmeters -- THANKS for replies!
by "Ed Juge" <ed@juge.org>
- 2) [94508] Lighthouses
by "Ron Polityka" <wb3aal@fast.net>
- 3) [94509] Re: JPS NIR-12 DSP unit info wanted
by "Jeffrey L. Greer" <wd4et@juno.com>
- 4) [94510] Somebody on 28.715 in =?ISO-8859-1?Q?Espa=F1ol?=
by nilsbull@juno.com
- 5) [94511] Re: Good low-power wattmeter?
by Roy <marion@montana.com>
- 6) [94512] For Sale Red Hot 20
by Levent Sasmazel <levent@netlabs.net>
- 7) [94513] For Sale SW+ 40 meter
by Levent Sasmazel <levent@netlabs.net>
- 8) [94514] [TMPS] de W5USJ
by "Chuck Carpenter" <w5usj@globeco.net>
- 9) [94515] Watt meter question
by hamjoel@juno.com
- 10) [94516] QRPedition to PDX: Photos
by "K7FD N7SG" <cqdx@teleport.com>
- 11) [94517] TiCK instruction sheet needed, & Tick in SST?
by "David Ek" <ekdave@earthlink.net>
- 12) [94518] A K1 comes of age
by "John J. McDonough" <wb8rcr@arrl.net>
- 13) [94519] OT tower
by ac5ez@webtv.net (Larry)
- 14) [94520] Re: TiCK instruction sheet needed, & Tick in SST?
by "Rod Cerkoney" <n0rc@hotmail.com>
- 15) [94521] Better part of 44 year phone work cleaning
contacts
by Walter D Amos <walt_amos@juno.com>
- 16) [94522] Portable/0 Operators Note
by wb2vuo@juno.com
- 17) [94523] Re: For Sale Red Hot 20
by RangerSF5@aol.com
- 18) [94524] Re: Surface Mounting Thru-hole Components
by "Dennis Payton" <dpayton@fwi.com>

- 19) [94525] [TMPS] and email
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
- 20) [94526] P49V on 14.001 @ 0530Z
by david gauding <david.gauding@bbs.galilei.com>
- 21) [94527] RE: Yaesu FT-817, Hagerstown Hamfest, May 6
by "Carl Morris, WN3DUG" <morrisw@cvn.net>
- 22) [94528] Good logging program for IBM Compatibles
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 23) [94529] OT:WTB KNWD IF-10C and related
by "Tracy" <tracy@bytemark.com>
- 24) [94530] Re: Somebody on 28.715 in =?ISO-8859-1?Q?Espa=F1ol?=
by "Karl F. Larsen" <k5di@zianet.com>
- 25) [94531] Re: Surface Mounting Thru-hole Components
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 26) [94532] cudso for qrpbob
by Jim Cluett <w1pid@yahoo.com>
- 27) [94533] Still more Atlanticon beacon enhancements - long
by n2cx@voicenet.com
- 28) [94534] RE: ARRL Lab and W1RFI
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 29) [94535] Re: Solar Power
by "Doug Person" <DougPerson@attglobal.net>
- 30) [94536]
by Richard Matthews <prm@hiwaay.net>
- 31) [94537] Waterfall problem, good news WinWarbler!
by "Jim" <sunwatt@starband.net>
- 32) [94538] Re: TiCK instruction sheet needed, & Tick in SST?
by "Rod Cerkoney" <n0rc@hotmail.com>
- 33) [94539] MI QRP Net
by ed.kwik@delphiauto.com
- 34) [94540] NJQRP Squirt
by ed.kwik@delphiauto.com
- 35) [94541] OP: 75 milliwatt PSK31 beacon from FT-817
by "Richard Matthews" <prm@hiwaay.net>
- 36) [94542] QRP BOB???
by Howard Weinstein <k3hw@yahoo.com>
- 37) [94543] Re: [Elecrafft] Power supply for K2..\$12.50
by "Frank Emens" <femens@hiwaay.net>
- 38) [94544] Sunday Evening QRP Sprint - Be There!
by Ken Newman <N2CQ@citnet.com>
- 39) [94545] RE: Download Problem
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 40) [94546] FW: Geomagnetic Storm > MAR 22 or 23
by "Ed Tanton" <n4xy@att.net>
- 41) [94547] Re: FCC ruling
by Bill Coleman <aa4lr@arrl.net>
- 42) [94548] Wattmeter & calibrations
by "Janzer, Mark" <MJanzer@arcadis-us.com>

- 43) [94549] Re: Experiment - Surface Mounting Thru-hole Components
by Bill Coleman <aa4lr@arrl.net>
- 44) [94550] [TMPS] de W5USJ Correction
by "Chuck Carpenter" <w5usj@globeco.net>
- 45) [94551] Re: QRP BOB???
- by Russ Dow <n7dw@pacbell.net>
- 46) [94552] Padlette Co.
by Ken Brown <n4so@juno.com>
- 47) [94553] attn: Brad Bilbrey only
by Michael Goins <mgoins@usa.net>
- 48) [94554] RE: Surface Mounting Thru-hole Components "Subdivision Mounting"
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 49) [94555] Re: VOA transmitter site near Cincy active
by "Victor Blackwell" <victor@brecnet.com>
- 50) [94556] MAJOR STORM ALERT
by "Paul Harden, NA5N" <na5n@rt66.com>
- 51) [94557] Another storm thought
by "Paul Harden, NA5N" <na5n@rt66.com>
- 52) [94558] NoGaWaTT Meter Kits
by "John P. Cummins, Sr." <jpcummins@charter.net>
- 53) [94559] Natural Voice Software/Firmware
by Somerville <somerville@uniserve.com>
- 54) [94560] Paddlette K-4 Keyer
by Ken Brown <n4so@juno.com>
- 55) [94561] RE: Natural Voice Software/Firmware
by <schoon@amgt.com>
- 56) [94562] Re: Paddlette K-4 Keyer
by Brad <wb8ygg@rochester.rr.com>
- 57) [94563] Re: Another storm thought
by "Victor Blackwell" <victor@brecnet.com>
- 58) [94564] Another great article in QST
by laura fisher <wlfisher@bellatlantic.net>
- 59) [94565] Lighthouses
by "Ron McConnell" <rcmcc@lucent.com>
- 60) [94566] Pre-storm DX?
by "John L. Sielke" <w2agn@pobox.com>
- 61) [94567] PW-1 Question
by "Charles Mabbott" <crmabbott@mediaone.net>
- 62) [94568] Re: Another storm thought
by Dave Fouchey <dafouchey@home.com>
- 63) [94569] RE: Natural Voice Software/Firmware
by "laura halliday" <marsgal42@hotmail.com>
- 64) [94570] Re: Wattmeter & calibrations
by K5BDZ@aol.com
- 65) [94571] Re: Another storm thought
by Dave Sjolín <sjolin@swbell.net>

Date: Mon, 19 Mar 2001 23:57:48 -0000
From: "Ed Juge" <ed@juge.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [94507] RE: Low power wattmeters -- THANKS for replies!
Message-ID: <014701c0b0d1\$07e3d8c0\$142a42cf@v300>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I asked for opinions on QRP wattmeters here and on the Elecraft reflector.
The response was overwhelming. Thanks very much to all. I ordered the WM-2
today.

Ed, W5EJ

Ed Juge
Ruidoso, NM
Phone: 505-258-1721
=====

Date: Mon, 19 Mar 2001 19:03:42 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>, ". Eastern PA
QRP Club" <epaqrp-l@Lehigh.EDU>
Subject: [94508] Lighthouses
Message-ID: <00f301c0b0d1\$61415960\$8b0d5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FYI

Tonight on cable there is going to be a show about Lighthouses.

The show is on the "History Channel," 10 PM EST.

72 & 73
Good DXing

Ron Polityka
de WB3AAL

wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv

<http://www.n3epa.org>

Eastern Pennsylvania QRP Club Call

N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	NJ QRP #179

Date: Mon, 19 Mar 2001 18:00:06 -0600
From: "Jeffrey L. Greer" <wd4et@juno.com>
To: rerobins@email.uncc.edu
Cc: qrp-l@Lehigh.EDU
Subject: [94509] Re: JPS NIR-12 DSP unit info wanted
Message-ID: <20010319.185052.1164.0.wd4et@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Rick,

I have had an NIR-12 for several years. As you mentioned, it is very heavy and consumes about 1 amp in use. Certainly not something you would take along on field outings.

I find it very useful as a selective audio filter on CW. I generally set the tone frequency on the far left to the desired CW tone. For example 700 Hz. On my Yaesu that is easily accomplished by setting the bandwidth (BW) to the sidetone frequency. I can then vary the bandwidth to wide for search mode and then narrow for qso. You can easily reduce the audio bandwidth well below 500 Hz without undue distortion.

Another mode that works very well for SSB is the "notch" mode. In crowded sections of 40 meters ie. novice portion, pushing in the notch button totally eliminates heterodynes. It almost seems like magic. It's that good. Unfortunately, this has no utility in CW mode as it considers CW tones to be heterodynes. I use SSB infrequently.

While I find that the Dynamic Peaking and NIR modes seem to work, they don't have the utility that the cw filter mode has for me.

I find it's utility is much less apparent with my K2 than it is with my FT-840. The dynamic range and filter capabilities of the K2 are much better.

As Rich Arland said in the April edition of the QST, the K2 is the best radio I have ever owned. The Yaesu has been relegated to a test rig and backup.

73, Jeff WD4ET

PS. JPS sold a software development package that allowed interfacing with a PC. With this item you can tailor noise reduction algorithms and experiment with new ones. If you are interested in that kind of thing you might contact JPS. It wasn't very expensive and they may have some left over or give you a parts reference and provide the software.

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 19 Mar 2001 17:34:11 +0000

From: nilsbull@juno.com

To: elecraft@qth.net, QRP-L@lehigh.edu

Subject: [94510] Somebody on 28.715 in =?ISO-8859-1?Q?Espa=F1ol?=

Message-ID: <20010319.200209.-273479.0.nilsbull@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Yoldashlar!

If it didn't appear here, it's cause it didn't. But Bill (NY9H) said he heard some folks on 28.715 (which has or was to be/been a sort of 10m K2/Elecraft meetin' place) and wondered who they was. In his words: "big big no-id signals at 60 degrees from chicagoland today... no id's , i called cq and they said the freq was in use !!!!!!! in espanol hmmm i guess i can't talk to them if they won't id... "

I have heard faint signals around there too. More like 28.714 Sometimes I

can hear 'em well enough to figure what language it was but most of the time I just don't pay that much attention. And figurin' that if I can't hear them, at least they won't hear me. So I call now and then CQ around there thinkin' that one of the K2/Elecrafter loonies would be there listenin' too. ('Cause we all know that just 'cause ain't nobody talkin' don't mean the band is dead.)

Bill said he didn't hear IDs. Me neither. Well, when I was payin' attention. But then . . .

With the bands kinda goin' into their springtime decline to anywhere 'cept the Orient or Latin America, anything is possible. Most of the time I'm more low in frequency to the '715 spot, mainly 'cause that's where most of the other regular types hang out. Them & freebanders. And I will not digress. I will not digress. I will not . . .

Heck, even my '2020 is memorized to 28.715!

So now that the sun is coming up sooner (and I have to get up earlier for Fajr), I'll also be tempted to put my old fashioned glass-front solar panel in the south-east facing window and spring for one of them 30 Ah batteries that Roger has for \$50. Big honker terminals on 'em puppies. Don't think my miniscule little charge controllers are gonna like that. But the panel don't put out that much voltage anyhow.

Maybe I should just stick with the 7 Ah battery. And charge the K2 battery at the same time. Yeehah!

I'm becoming ecological!

Hope Cindy don't find out.

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

<http://w8ijn.www6.50megs.com> -- W8IJN --

<http://members.fortunecity.com/nilsbull>

"In MY day we had to FIGHT to have kitchen! Every DAY was STRUGGLE!"

-- Comrade Nikolai Sergeievich

McTovarishov, 19 Oct 1917

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Date: Mon, 19 Mar 2001 18:18:32 -0700
From: Roy <marion@montana.com>
To: k4cgy_list@yahoo.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [94511] Re: Good low-power wattmeter?
Message-ID: <4.3.1.2.20010319180043.00a7e580@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:21 AM 3/19/01 -0800, James C. Owen, III wrote:

> > I will have to disagree. One of the devices I calibrate is Bird
> > watt meters
> > to National Institute of Standards traceability. I am lucky to
> > get them to
> > PLUS OR MINUS 10% of FULL SCALE.
>
> I can't dispute Roy's findings as to how good they fall into
> calibration but the spec's for a 43 are 5% of Full Scale. However
> the 4410 has a tighter spec as it's 5% of the reading as long as
> the reading is greater than 20% of the scale.

Yes, that is what it says, but I have yet to see it, especially the model 43's. The 4410's do seem to be more accurate, but have never seen one meet the 5% spec. They both use the slug type directional coupler, which I believe is the limiting factor. In their defense, they are rugged, reliable, and easy to use in the applications they are used in. But if I am splitting watts at and below the five watt level, it not on my list of useables. 73 Roy AB7CE

Date: Mon, 19 Mar 2001 08:28:53 -0500
From: Levent Sasmazel <levent@netlabs.net>
To: qrp-l@Lehigh.EDU
Subject: [94512] For Sale Red Hot 20
Message-ID: <3AB60995.2D101A47@netlabs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks,

I do have a Red Hot 20 builded and tested by an EE (it is me). For sale.

Levent KC2CNY
levent@netlabs.net

Date: Mon, 19 Mar 2001 08:34:15 -0500
From: Levent Sasmazel <levent@netlabs.net>
To: qrp-1@Lehigh.EDU
Subject: [94513] For Sale SW+ 40 meter
Message-ID: <3AB60AD7.1732AE36@netlabs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I do have a SW+ 40 meter for sale. Build into a LMB Box (6 1/4, 3 1/2, 2 1/8) Color Light Blue with 10 turn Tuning Knob with the counter on it. It tunes between 700 Khz to 7123 Khz. Antenna connection is BNC and it is a great small CW Rig for backpacking or travel.

I can provide JPEG images if you like to see.

Levent KC2CNY
levent@netlabs.net

Date: Mon, 19 Mar 2001 08:03:05 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-1@Lehigh.EDU
Subject: [94514] [TMPS] de W5USJ
Message-ID: <3.0.2.32.20010319080305.007ee520@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Update to mid March 2001.

States (33)
LA, AR, PA, MD, FL, IN, OH, TN, VA, MI,
AZ, CT, WI, TX, NE, IL, CA, WA, NH, GA,
ID, NV, WY, AL, KS, CO, IA, NC, NJ, UT,

NM, SC, KY,

DX (24)

FR5, V3, J3, P43, VP5, 3D2, VE7, DK1, T32, J37,
W5/NA110, GM4, VE3, RA=D8, KP2, VE6, 3G=D8, C56, VP2, Z3,
ZL4, C02, 3G=D8,

DX is anything that is not one of the 50 states, e.g., NA110 is an IOTA contact.

Most Qs result from calling CQ. I'd estimate 80% or better. Two DX Qs were the result of calling CQ late evenings, and both were Europe. Operation is mostly in the mornings around grayline time. I've noticed a null following sunrise similar to that described by Chuck, K7Q0, at twilight. The DX that I hear mornings and evenings is generally not in the direction I had expected. I hear the Pacific more in the mornings and Europe more in the evenings. But they are not limited to these times of day either. The 30 meter band doesn't follow the sun as the higher HF bands often do. The daylight hours have different propagation than the dark hours do, however. Most likely, the effect of the F2 layers combining after dark and separating after daylight. Other factors are involved too, I'm sure. Interesting band to say the least and I'd expect more variations as the seasons of the year progress.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
RARA #3, NETXQRP web =96 <http://www.angelfire.com/tx4/netxqrpclub/>
[TMPS] Qs - 89, States - 33, DX - 24, 3W to HF9V (or W9INN Inv V)

Date: Mon, 19 Mar 2001 21:12:58 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu, fpqrp-l@mpna.com
Subject: [94515] Watt meter question
Message-ID: <20010319.211259.-363367.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

all this talk bout what meters got me to thinking.... and a big headache... :-)

QUESTION

can I take my mfj941e what meter and calibrate the 300 watt range to a, say 3 what range... with the marking reading being 1/3 of what they say?

I sees the 30 what range uses a 47 k resistor... would another 47k in series drop that to 3 whats at full scale????

Every now and then I like to do the milliwatt thing and it would be nice to get this meter reading 5 or ten mw accurately....

any halp out thair... how bout ur Jim? can u hep this peaux displaced cajun lad...

ke1la joel

in maine

watching sneaux melt

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 17 Mar 2001 02:21:09 -0800

From: "K7FD N7SG" <cqdx@teleport.com>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [94516] QRPedition to PDX: Photos

Message-ID: <002801c0aecc\$00e5de80\$28241ad8@N7SG>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Well, the luck of the Irish seemed to elude us, especially on 40 meters...our usual bread and butter band on qrp. But nonetheless we had fun during our two day stay and mini-qrpedition to Portland, Oregon. For details and a few pix, turn to:

<http://www.teleport.com/~cqdx/pdx-trip.htm>

One hair-raising note: I FORGOT the PW-1 when we left for home!! I'd set the antenna in a corner of the hotel room behind a curtain...and left it there!! OH NO!! Unfortunately I didn't realize it was missing until I started unpacking my gear at home...

Lucky for me, I called the hotel right away and they found the PW-1; our daughter who works at a bank next to the hotel ran over and rescued it on her break...whew!

73 John K7FD

Date: Mon, 19 Mar 2001 20:06:34 -0700

From: "David Ek" <ekdave@earthlink.net>

To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [94517] TiCK instruction sheet needed, & Tick in SST?
Message-ID: <000d01c0b0ea\$c755d1e0\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

Anyone have a TiCK keyer instruction sheet they could scan/copy and send me? I've bought and built at least three of these things, but two have been sold as part of other rigs, and I can't find the instruction sheet anywhere for the one I have left. In particular, I'm looking for the instructions on integrating the TiCK into various QRP rigs.

I'm building the SST and I want to build in the TiCK and integrate it into the audio chain. I don't recall if the TiCK instructions included any info on the SST. Has anyone built one into the SST and added it to the audio chain (using the "A" pad, I presume, since that's where you'd insert the audio from a KC-1)? Any help would be appreciated.

BTW, my 15-year-old son (who's not yet a ham) is doing much of the building of the SST. I offered to let him help, and he's taking quite an interest. We're discussing the workings of each stage, and then I turn him loose on stuffing and soldering (his soldering is pretty good, too). Then we test it to make sure it works okay. Kinda like our own little Elmer 101 session.

73 de Dave AB0GO

Date: Mon, 19 Mar 2001 22:32:35 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <elecraft@qth.net>
Subject: [94518] A K1 comes of age
Message-ID: <003301c0b0ee\$6c1e3d40\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

If any of you are thinking about finally breaking out the soldering iron and building something, I recently wrote a little article you might enjoy.

Recently I built a K1, as did another local ham, Earl, N8ERO. Well, between

the old-ladying around about whether to buy one, and the impatient waiting for it to arrive, then all the reports back and forth on construction progress, I'm sure all the local repeater monitors were sick to death of us.

By way of payback or something, I decided to put a little note together for the club newsletter about the little rig's first week of life. Of course, given my tendency to run off at the mouth (or fingers as the case may be), it became a little more than little. But the Newsletter came out tonight and I think it's alright.

If any of you are interested, it's on the Midland club site at <http://www.qsl.net/w8kea> on page 10 of the April newsletter.

Enjoy!

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Mon, 19 Mar 2001 21:38:15 -0600 (CST)
From: ac5ez@webtv.net (Larry)
To: qrp-l@lehigh.edu
Subject: [94519] OT tower
Message-ID: <4873-3AB6D0A7-4873@storefull-118.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

The Dallas Texas chapter 41 of qcwa is giving away a crankup tower at the next meeting. If you are in the Dallas area it might be worth coming to the next meeting if you want a shot at a free tower. You must be a member in good standing to put your name in the hat.
Thanks for the bw

K1zw
Larry
Qcwa

Date: Mon, 19 Mar 2001 20:44:17 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: ekdave@earthlink.net, qrp-l@Lehigh.EDU
Subject: [94520] Re: TiCK instruction sheet needed, & Tick in SST?

Message-ID: <F29keNXXUv1MJ3G9Vbj000042fc@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Dave,

Head over to the Whiterook site: <http://electronicsusa.com/tickop.html> there you will instructions for the Whiterook paddles that are TiCK equiped.

73 Rod N0RC
Fort Collins, CO

>From: "David Ek" <ekdave@earthlink.net>
>Reply-To: ekdave@earthlink.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: TiCK instruction sheet needed, & Tick in SST?
>Date: Mon, 19 Mar 2001 20:06:34 -0700
>
>Gang,
>
>Anyone have a TiCK keyer instruction sheet they could scan/copy and send
>me?

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Mon, 19 Mar 2001 13:03:57 GMT
From: Walter D Amos <walt_amos@juno.com>
To: qrp-1@lehigh.edu
Subject: [94521] Better part of 44 year phone work cleaning
contacts
Message-ID: <20010320.035556.-145025.1.walt_amos@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Folks:

Use what ever will work ! Start out with bond paper, if it works stop!
Yes, it will leave residue, so what, it worked.

Next was a fine burnisher, if it works stop.

Next was a fine FILE, if it works STOP.

Last resort , REPLACE THE CONTACT WITH A CONTACT WELDER! If that fails
.....

Replace the relay, key or whatever is giving you trouble.

Walt K8CV

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Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Mon, 19 Mar 2001 23:07:47 -0500

From: wb2vuo@juno.com

To: qrp-1@lehigh.edu

Subject: [94522] Portable/0 Operators Note

Message-ID: <20010319.230748.-258923.0.wb2vuo@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

This one came from my daughter, not a ham, but I am passing it on for
your safety in the Colorado Rockies...

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY
Section

My night light runs more power than my Rig!!!

Replies - <mailto:wb2vuo@arrl.net>

>The Colorado State Dept of Fish and Wildlife is advising
>hikers, hunters, fishermen and golfers to take extra
>precautions and be on the alert for bears this summer.

>They advise people to wear noise-producing devices such as
>little bells on their clothing to alert but not startle the
>bears unexpectedly. They also advise you to carry pepper
>spray in case of an encounter with a bear.

>People should be able to recognize the difference between
>black bear and grizzly bear droppings:

>Black bear droppings are smaller and contain berries and
>possibly squirrel fur.

>Grizzly bear droppings have little bells in them and smell

>like pepper spray.

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Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Mon, 19 Mar 2001 23:18:16 EST

From: RangerSF5@aol.com

To: leven@netlabs.net, qrp-1@lehigh.edu

Subject: [94523] Re: For Sale Red Hot 20

Message-ID: <14.1140940a.27e83408@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

You'r mail is bouncing back

Date: Mon, 19 Mar 2001 23:40:35 -0500

From: "Dennis Payton" <dpayton@fwi.com>

To: <qrp-1@Lehigh.EDU>

Subject: [94524] Re: Surface Mounting Thru-hole Components

Message-ID: <004401c0b0f7\$e8a34a00\$eba854d1@locke>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

>Isn't using "full-size components" to do quasi-"surface mounting" just

>like building something using Manhattan Style?

Hi Karl,

Well, I don't think so, but since you're the second person to say it is, (out of only two responses to my posting) maybe I'm wrong -hi. I would argue that most of my components are laying down instead of standing up, there are traces connecting things together instead of wires, and, of course, no pads and super glue.

I suppose there's not an official definition to Manhattan, but I thought that gluing pads and standing up most of the components defined it.

72 Denny N9JXY

Date: Tue, 20 Mar 2001 04:50:25 +0000
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [94525] [TMPs] and email
Message-ID: <5.0.2.1.0.20010320042730.00a03ec0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Last night (Sunday) was good for two new states. What was exciting about that deal was the following.

I was tuning around the 10.118MHz region and the band was in good shape and it was pretty crowded. When you have only 50KHz of space and a DX pileup is eating up about 5 KHz then there isn't just too much left between all the commercial KW stations. So you S&P or hope for the best. In the middle of the small upper segment I hear this quiet little station calling CQ --- a KB1. That that is the general area where I needed RI. He never signed QRP or showed that he was running low power, but nothing ventured nothing gained and you gotta show no fear. So I give him a call. He comes back and sure enough he is in RI. But you know what? He is more excited than I am as he does not have AZ at all and he is asking me for a QSL card. He's running 5W so it is a 2xQRP QSO.

Then later I get a spot around 10.120MHz and call CQ and Mike, K5XU, in MS calls me for yet another state. Thanks Mike --- he is also a member of this group.

And the last story to tell. Tonight I'm on 30m tuning around (that's listening and not putting keyer in tune mode to make QRM :-) and the band is crowded with yet another DX station in a pileup in the middle and the area around 10.118 is again crowded. So using reverse psychology I bop down (technical for tune down)

to 10.103MHz, check for clear freq, and I call CQ. A K3 comes back to me. OK, a K3/QRP at that. Turns out he is /7 in Mesa, AZ a burb of PHX. He is down in some

hotel on the third floor running 4W with a MFJ-9030 and a 20mtr end fed wire out the window. OK. Further he is from Baltimore. He will be at the Atlanticon meeting!!

He was the Pres of the radio club at the time the swapmeet we are going to was started!!

You wanna talk about a small world? It really is. :-)

I have to check the logs from the TMPS from 4 years ago and see how long it took to get all 50 states. To do 45 in 2 months and a week is not too shabby for 0.500W. The point to all of this is that you just have to get on the air with the best that you can and keep trying. If a country boy from west Texas can do it, anyone can.

And please don't ask me to go lower on the next WAS. I've seen the light and it's a train at the end of the tunnel and I'm in the middle of the track. :-)

And here's hoping that I have finally cured the blues on the Internet as everyone else has seemed to have switched Internet providers too. So the new email address is

k7qo@earthlink.net

so make sure you change your address book to show this. The old address will forward for 30 days, but you never know. I'm hoping that I won't be having lost email, long waits on logins, and all the other stuff that comes with high tech stuff. :-)

Look for web updates by Thursday. I have a ton of stuff to do and catch up on to get it moved over. Thanks.

FYI

I'm going back to 30 until it closes.

dit dit

Chuck Adams, K7QO

Prescott, AZ k7qo@earthlink.net <http://www.qsl.net/k7qo> <http://moon.pr.erau.edu/~adamsc>

TMPS-2001 Mar 20, 2001 Q's = 352 States = 45 Counties = 297 DXCC = 12

SWL-30 with CMOS 3 keyer and HB Iambic Paddle 0.500W and vee-beam

States Needed AK DE IN VT VA

DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6 ZL1 C08 ZS6

Date: Mon, 19 Mar 2001 23:24:45 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-1@lehigh.edu
Subject: [94526] P49V on 14.001 @ 0530Z
Message-ID: <5.0.2.1.0.20010319232307.00a3d8d0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

P49V on 14.001 @ 0530Z

Aruba - 599 into Midwest

Used 2W from SLQ Vertical and Corsair I

Good luck,

de Dave, NF0R nf0r@slacc.com

Date: Tue, 20 Mar 2001 00:45:00 -0500
From: "Carl Morris, WN3DUG" <morrisw@cvn.net>
To: <qrp-1@Lehigh.EDU>
Subject: [94527] RE: Yaesu FT-817, Hagerstown Hamfest, May 6
Message-ID: <002801c0b100\$f12935a0\$a32a2940@morrisw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Grand Prize at the Great Hagerstown, MD, Hamfest, on Sunday, May 6, 2001, is a Yaesu FT-817. Lots of other ham prizes, as well! Admission is only \$5.00, with Tailgating space only \$5.00, additional. Indoor tables \$10.00 in advance.

There will be an Elecraft display booth, with the K2 "Live"!

Directions: I-70, Exit 29, MD Route 65 South for 6.5 Miles to the
Washington County Agricultural Center grounds (NEW LOCATION This Year!)

Contact Carl Morris, WN3DUG, 717-267-3411 morriscw@cvn.net
for information or tickets, tables. Fax: 717-261-9487.

Date: Mon, 19 Mar 2001 22:39:31 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [94528] Good logging program for IBM Compatibles
Message-ID: <000c01c0b108\$86a09720\$6b11500c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a plug from a happy user.....

I've been using HYPERSOFT (current version 4.13B) for 8-9 years and it is a
delight. I just processed five batches of contest QSO's --- about 1100 in
all, converting them from the original CT 8.50 and TR-log 6.xx. I was able
to set my power levels for each contest..... 5w for ARRL SS on SSB and CW
and CQWW DXCW. The neat thing was using the program's counters after I
converted the data ----- 120 DXCC countries worked and 47 states!!!

In the ARRL Contests where there were ARRL sections, Hyperlog converted
the "section" to a state -- so you can track WAS from your contest QSO's.
(Late-created sections like WCF and MDC were processed as "USA," but they're
likely to be reported correctly in an upcoming Hyperlog revision).

Best of all, it runs in a DOS Shell..... even on an old 286 (but that takes
a long time to count the mults when you get above 2-3,000 QSO's). The 486
I'm using processed the contest qso's fairly fast and there's room for
a million or more contacts!!!

If you're interested, check out: <http://www.doctordx.com/index.shtml>

I have no financial interest---just love the product, etc.

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org , <http://home.att.net/~alan.kaul/index.html>

Date: Tue, 20 Mar 2001 02:27:46 -0500
From: "Tracy" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.EDU>
Subject: [94529] OT:WTB KNWD IF-10C and related
Message-ID: <NCBBICHAOKICOGKID00G0EEPEHAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone got a clue where to find this bugger? It's to connect a TS680s to the computer ...

Had no idea where else to turn!
Tracy N4LGH

Date: Tue, 20 Mar 2001 05:54:03 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <nilsbull@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [94530] Re: Somebody on 28.715 in =?ISO-8859-1?Q?Espa=F1ol?=
Message-ID: <Pine.LNX.4.31.0103200550540.829-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Nils, I think I got it. Will put 28.715 in my ts-50 memory and call you up there.

On Mon, 19 Mar 2001 nilsbull@juno.com wrote:

> Yoldashlar!
>
> Bill said he didn't hear IDs. Me neither. Well, when I was payin'
> attention. But then . . .
>
> Heck, even my '2020 is memorized to 28.715!

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Tue, 20 Mar 2001 08:43:13 -0500
From: "Lau, Zack, W1VT" <z1au@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [94531] Re: Surface Mounting Thru-hole Components
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9D85@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Anyone recall a picture of this on a magazine cover before June 1988?
--Zack W1VT

Date: Tue, 20 Mar 2001 05:51:40 -0800 (PST)
From: Jim Cluett <w1pid@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [94532] cudso for qrpbob
Message-ID: <20010320135140.90032.qmail@web11607.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

My 30 meter SST is on the air!
579 into Michigan last night
from New Hampshire. After the build
Thursday night, it didn't work. Gulp!
Dead oscillator. A little troubleshooting
and a phone call to Bob and I had a
new J310 in the mail. Arrived in 2 days
to fix the problem. thanks Bob
Very cool little rig!
Jim w1pid@arrl.net

Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
<http://personal.mail.yahoo.com/>

Date: Tue, 20 Mar 2001 09:28:16 US/Eastern
From: n2cx@voicenet.com
To: njqrp@njqrp.org
Cc: qrp-l@lehigh.edu
Subject: [94533] Still more Atlanticon beacon enhancements - long

Message-ID: <200103201428.f2KESFr123830@nss4.cc.lehigh.edu>

Yet another idea article for the Atlanticon beacon competition.

See:

<http://www.njqrp.org/atlanticon/index.html>

and

<http://www.njqrp.org/psk31beacon/psk31beacon.html>

Previous posts in this irregular series have tried to give some ideas on how to make *your* beacon heard above the inevitable din in the exhibit hall.

Probably the simplest first step, thoughtlessly neglected before, is to use a decent loudspeaker. The kit comes without one so you have to provide your own anyway. Why not use a good one?

An excellent choice is one that radio Shack sells. Here is a quote from N2APB who convinced me how effective it is:

"It's a "Compact External Communications Speaker", p/n 19-318, priced at about \$19 from Radio Shack. Black, 2"x2"x2" plastic cube, 2" speaker, 3W max power, narrow 700-10,000 Hz frequency response, 10-foot audio cable with 1/8" plug, tilt-style mounting bracket."

So if you don't have the time or energy to make one of the resonant speakers at least this one will give a good showing and will come in handy around the shack later.

And for the devious, here's another thought - if you can't make yourself heard above the din, reduce the din of interference from others. You might be able to sample the ambient noise environment from everyone else and project that audio with suitable anti-phase processing toward the audio-sensing microphone to null out everyone else's signal AT THAT POINT so that you are all that is heard. It's called active noise cancelling. You don't have to be stronger than all rest, just trickier!

Now if only that were legal in the electromagnetic spectrum...

With tongue planted firmly in cheek,

Joe E., N2CX

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Tue, 20 Mar 2001 09:43:51 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
Cc: qrp-1@Lehigh.EDU
Subject: [94534] RE: ARRL Lab and W1RFI
Message-ID: <125490A005E3D3118C9C00805FC743CC01C16BEB@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Thanks, Stuart,

I just figure I am in the right place at the right time.

BTW, if you are an experienced EMC guy, see
[http://www.arrl.org/announce/jobs. :-\)](http://www.arrl.org/announce/jobs.:-))

73,
Ed Hare, W1RFI
ARRL Laboratory

-----Original Message-----
From: Stuart Rohre [mailto:rohre@arlut.utexas.edu]
Sent: Monday, March 19, 2001 4:58 PM
To: Hare,Ed, W1RFI
Cc: qrp-1@Lehigh.EDU
Subject: Re: ARRL Lab and W1RFI

Ed,
I also appreciate your many contributions not only to this reflector but
also to ARRL, especially with the Lab, and continuing emphasis on RFI issues
and solutions!
from an old RFI techie,
[Mil Spec, Fed. Std. 222, and others those of you from Aerospace industry
will know, ;-)]
72,
Stuart K5KVH

Date: Tue, 20 Mar 2001 09:52:28 -0500
From: "Doug Person" <DougPerson@attglobal.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Elecraft List"
<elecraft@qth.net>, "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
Subject: [94535] Re: Solar Power
Message-ID: <008c01c0b14d\$62f586b0\$01000100@M6>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The correct link to the solar panels page at All Electronics is as follows:

<http://www.allelectronics.com/cgi-bin/category.cgi?category=565&type=store>

Good Luck -- Doug -- W4DXV

----- Original Message -----
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: <DougPerson@attglobal.net>
Sent: Tuesday, March 20, 2001 9:18 AM
Subject: RE: Solar Power

> Doug,
> I just went to the All Electronics web site, looked at their "Solar" page
> but didn't see a solar panel as you described below.
>
> Am I on the wrong catalog page?
>
> What is the All Electronics stock (part?) number for the panel you
> bought? Better still, what's the stock number of the 500 milliampere
> panel?
>
> Sounds like you got a real BARGAIN, Doug!

>
> Karl K - W8TIF
> McKinney, Texas
>
> > -----Original Message-----
> > From: Doug Person [SMTP:DougPerson@attglobal.net]
> > Sent: Monday, March 19, 2001 3:14 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: Solar Power
> >
> > I just received a box from All Electronics. A place I've begun to spend
> > some regular money. Today's box contained a solar panel capable of
12-15
> > volts at around 150 Ma. This is enough to charge a variety of
batteries.
> > It's sitting in my south-facing window charging one of my 4.5 AH lead
acid
> > cells. I expect I'll be describing myself as solar-powered hereafter
when
> > operating the K2, SST-20 or one of the MFJ SSB transceivers (20 and 10).
> >
> > They indicated there was not a large supply of these panels. So if
> > interested, you should hurry over to
> > www.allelectronics.com The price is \$59 + \$5 to ship. They also have
a
> > 500 Ma unit for \$79. Both nicely made. Fully enclosed, water proof,
> > blocking diode, about 6 feet of cable and two large clips for your
> > battery.
> > <snip>

Date: Tue, 20 Mar 2001 08:52:12 -0600
From: Richard Matthews <prm@hiwaay.net>
To: qrp-l@lehigh.edu
Message-ID: <3.0.1.32.20010320085212.0171f140@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

In answer to several recent requests and to celebrate the first day of
Spring 2001, I will fire up the WA4NWW PSK31 powerhouse beacon tonight on 30
meters.

Please look for me around 10.140 from 0000 UTC until 0200 UTC.

The FT-817 will be battery powered and running at 75 milliwatts output into
an improved fullwave 80 meter loop skywire antenna. The rig/antenna will be

matched using a ZM-2 tuner.

I will include the standard CODE WORD in the text to verify copy and you can report your reception by emailing WA4NWW@amsat.org.

I still owe certificates from the previous beacons, so I will work on those while the beacon is operating tonight. I will send "first reception" and "most distant receiving station" certificates from tonight's test also.

Again my QTH is in Scottsboro, Alabama 60 miles SW of Chattanooga, TN surrounded by low mountains on all sides in the Tennessee Valley, just a quarter mile from the backwaters of the Tennessee River hard to believe but we had snow on the surrounding mountains here this morning on the first day of Spring.

73,

Richard WA4NWW

Date: Tue, 20 Mar 2001 09:11:19 -0600
From: "Jim" <sunwatt@starband.net>
To: "DigitalRadio" <digitalradio@yahoogroups.com>, "Hell-L" <Hellschreiber@yahoogroups.com>, "MFSK-L" <MFSK@yahoogroups.com>, "MMTTY" <MMTTY@egroups.com>, "PSK31-L" <psk31@egroups.com>
Cc: "QRP-L" <qrp-L@Lehigh.edu>
Subject: [94537] Waterfall problem, good news WinWarbler!
Message-ID: <004401c0b150\$0eb951a0\$9a354794@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

After playing with almost every sound card program since April 2000, I was looking forward to trying them all on my newset computer. This Compaq Presario desktop, with 800mHz.

It really hurt when I discovered that clicking the mouse on anything would bring on the dreaded white waterfall. On Digipan, the waterfall is full of horizontal purple lines and you cant see anything. MMTTY waterfall is grey/white with vertical lines, no trace of signals.

I have problems too with IZ8BLY Hellschreiber's waterfall going white on me.

On all the programs with waterfall trouble, if you can get clicked on a signal before it goes white, or whatever, you can have a QSO even though you cant see the signal trace, or waterfall at all.

But IZ8BLY Stream works fine. TrueTTY never a problem. DXPSK, 98% trouble free.

Hamscope never has a problem, but I seem to have trouble getting tuned in on signals, but thats me. Hi

Now I discovered that WinWarbler has no problems at all ! After playing with it I think it could become my favorite psk31 software. You can monitor 3 QSO's at a time.

I've gotten some good suggestions from a few of the members here, and who knows, we just might beat the problem at some point.

I'm not a computer wiz but thaks to my friends who had the suggestions.

Yesterday while experimenting with msconfig, I almost "lost it all" ! I got stuck in some kind of mode, and it took me all day to get back to normal.

Maybe the data I passed along to our real wizzards will get to the bottom of my problem, and help others with the same trouble.

Today being the 1st day of spring, I'm taking a break and will dig in the dirt instead of working on the computer all day. Its sunny and warming up as I write this.

73's de Jim KJ5TF
All Milliwatts, All The Time

Date: Tue, 20 Mar 2001 08:16:48 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Ken Brown" <n4so@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [94538] Re: TiCK instruction sheet needed, & Tick in SST?
Message-ID: <0E65VfdY6hlHK91rGGX0000299b@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Ken, et.al.,

----- Original Message -----

From: "Ken Brown" <n4so@juno.com>

To: <n0rc@hotmail.com>

Sent: Monday, March 19, 2001 09:20 PM

Subject: Re: TiCK instruction sheet needed, & Tick in SST?

>
> PADDLETTE CO.
> PO BOX 6036
> Edmonds, WA 98026
> <http://home.att.net/~goodroe/paddlette>
^^

There is a new web address for Padlette:

<http://paddlette.com> (that correct, no www....)

73, Rod N0RC
Ft Collins CO

Date: Tue, 20 Mar 2001 10:34:50 -0500
From: ed.kwik@delphiauto.com
To: qrp-l@Lehigh.EDU
Subject: [94539] MI QRP Net
Message-ID: <05256A15.0055B6DF.00@uskokg99.delcoelect.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Reminder that the Michigan QRP net meets each Tuesday night at 9:00 PM Eastern time on 3.535 MHz. Got back from travel last night and half my dipole is on the roof but the other half is still on the mast. Pretty sure I can still load it up but my signal may not be up to snuff tonight. You may need better than normal ears tonight.

Ed AB8DF

Date: Tue, 20 Mar 2001 10:39:56 -0500
From: ed.kwik@delphiauto.com

To: qrp-1@Lehigh.EDU
Subject: [94540] NJQRP Squirt
Message-ID: <05256A15.005610E2.00@uskokg99.delcoelect.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

The NJQRP Squirt by Joe Everhart N2CX in the current QST might be just the thing to get you on 80 meters and join in on the Michigan QRP net. The net meets each Tuesday night at 9:00 PM Eastern time on 3.535 MHz.

Ed AB8DF

Date: Tue, 20 Mar 2001 08:44:50 -0600
From: "Richard Matthews" <prm@hiwaay.net>
To: <qrp-1@Lehigh.EDU>
Subject: [94541] OP: 75 milliwatt PSK31 beacon from FT-817
Message-ID: <000301c0b153\$c32a11d0\$fb06b99d@huntsville.sparta.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In answer to several recent requests and to celebrate the first day of Spring 2001, I will fire up the WA4NWW PSK31 powerhouse beacon tonight on 30 meters.

Please look for me around 10.140 from 0000 UTC until 0200 UTC.

The FT-817 will be battery powered and running at 75 milliwatts output into an improved fullwave 80 meter loop skywire antenna. The rig/antenna will be matched using a ZM-2 tuner.

I will include the standard CODE WORD in the text to verify copy and you can report your reception by emailing WA4NWW@amsat.org.

I still owe certificates from the previous beacons, so I will work on those while the beacon is operating tonight. I will send "first reception" and "most distant receiving station" certificates from tonight's test also.

Again my QTH is in Scottsboro, Alabama 60 miles SW of Chattanooga, TN surrounded by low mountains on all sides in the Tennessee Valley, just a quarter mile from the backwaters of the Tennessee River hard to

believe but we had snow on the surrounding mountains here this morning on the first day of Spring.

73,

Richard WA4NWW

Date: Tue, 20 Mar 2001 07:50:56 -0800 (PST)
From: Howard Weinstein <k3hw@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [94542] QRP BOB???
Message-ID: <20010320155056.8668.qmail@web4303.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Gang,

Please excuse my ignorance, but, Who is "QRP BOB"?

Tnx es 72

Hal K3HW

Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
<http://personal.mail.yahoo.com/>

Date: Tue, 20 Mar 2001 10:21:02 -0600
From: "Frank Emens" <femens@hiwaay.net>
To: LHLOUSEK@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [94543] Re: [Elecraft] Power supply for K2..\$12.50
Message-ID: <200103201621.f2KGL1508785@mail.hiwaay.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I dunno if is just coincidence or if it demonstrates the power of QRP-L, but just minutes after seeing your post about the power supply I went to their site. "SOLD OUT" was the greeting I got.

Frank Emens
femens@hiwaay.net

Date: Tue, 20 Mar 2001 11:07:06 -0500
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [94544] Sunday Evening QRP Sprint - Be There!
Message-ID: <3.0.6.32.20010320110706.00815670@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP Sprinters,

It's time to get ready for the "Spring QRP Homebrewer Sprint" come Sunday evening THIS WEEK! Any station can get in the game even though homebrew stations would give you a better score. It's only 4 hours so why not send a log in for the MANY MANY prizes available. Put the soldering equipment aside this time and actually work folks with the stuff you built. We would like to give away all these prizes but you need to get on the air and send in a log.

CU THERE! Look for WQ2RP on CW giving out points (N2CQ opr.)
Many will be on PSK31 also.

=====

*** Spring QRP Homebrewer Sprint***

Mission: Promote homebrewed/homemade equipment on the air together.
(Warblers too!) Anyone with ANY equipment can enter.

Sponsor: New Jersey QRP Club
<http://www.njqrp.org/data/qrphomebrewersprint.html>

When: March 26, 2001 0000-0400 UTC (Last Monday of March)
(Sunday evening in US/Canada)

Modes: CW and PSK31. (Both modes considered separate bands)

Frequencies: QRP CW and PSK31 frequencies. No WARC bands.
(80/40/20 meters recommended.)

Exchange: RST - State/Province/Country - Power out

QSO Points:

- 2 Commercial Equipment
 - 3 Homebrew Xmtr or Rcvr
 - 4 Homebrew Xmtr AND Rcvr or Xcvr
 - 5 Homebrew PSK31 station
- (Kits are ok for homebrew)

Power Mult: 0-250 MW = x 15, 250MW-1W = x10, 1-5W = x7, >5W = x1.
(The highest power used during the contest for the mult.)

Multiplier: State/Province/Country for all bands. The same station may be worked on more than one band for QSO points and SPC credit. CW and PSK31 are considered separate bands.

SCORE: QSO Points(total for all bands) X SPC (total for all bands)
X power multiplier.

AWARDS: A PSK80 "Warbler" kit will be awarded for first place if sufficient entries. Other awards will be provided based on the number of entries received (subscriptions to "QRP Homebrewer" and single issues). Special certificates will be awarded to all participants.

LOGS: Entries must be received by 30 days from the contest. The log sheets and summary should be included. E-mail logs are accepted in text form. (No word processor files etc).
Also paper logs are ok.

Please include your Soapbox info with your equipment and exploits.

Send logs to:

Ken Newman, N2CQ
81 Holly Drive
Woodbury, NJ 08096

N2CQ@ARRL.NET for e-mail.

72,

--Ken Newman, N2CQ, n2cq@arrl.net
and George Heron, N2APB, n2apb@amsat.org

Date: Tue, 20 Mar 2001 08:58:44 -0800
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [94545] RE: Download Problem
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F430998020A@blaze.bcsbc.GOV.BC.CA>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

The problem is solved thanks to Jim, N5IB. Thanks to all who came up with suggestions. Maybe these files should be stored in a format usable to those with 'normal' PC's. Or, maybe there should be a set of directions for those not using UNIX on how to download these files. Not all of us run on big mainframe machines at our local university<grin>.

Doug VA7DD

MailTo:Doug.Davies@gems3.gov.bc.ca

Date: Tue, 20 Mar 2001 12:06:08 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>, "FISTS" <fists@qth.net>
Subject: [94546] FW: Geomagnetic Storm > MAR 22 or 23
Message-ID: <CKEGICNFDIMCEKEDCEHFIEJEGHAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

73 Ed Tanton N4XY <n4xy@arrl.net>

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

>-----Original Message-----

>From: SpaceWeather.com [mailto:spaceweather@lists.spaceweather.com]
>Sent: Tuesday, March 20, 2001 10:37 AM
>To: SpaceWeather.com
>Subject: Geomagnetic Storm

>
>
>Space Weather News for March 20, 2001
><http://www.spaceweather.com>
>
>
>HERE COMES THE SUN: Another coronal mass ejection is heading our way.
>SOHO coronagraphs spotted a very faint CME on Monday that could arrive in
>the neighborhood of our planet on March 22nd or 23rd.
>
>For updates and more information please visit <http://www.spaceweather.com>
>
>---

Date: Tue, 20 Mar 2001 12:11:14 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [94547] Re: FCC ruling
Message-ID: <200103201711.MAA24559@mail2.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 3/18/01 9:07 PM, SKIPNC90@aol.com at SKIPNC90@aol.com wrote:

>In a message dated 3/17/01 23:50:57 Central Standard Time, w1hue@amsat.org
>writes:
>
><< The guy probably never uses CW anyway, so no problem... Maybe "CW" is the
> FCC's idea of punishment. :-)
> >>
>Just maybe the FCC views CW as a skill and discipline that will
>guide him to be more respectful to others and this hobby. Maybe
>we should tell him how much fun QRP and 30 meters are and
>encourage him in his endeavor to learn and enjoy CW.

The FCC is hoping other 30m operators can teach this guy some manners....

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Tue, 20 Mar 2001 09:40:16 -0700

From: "Janzer, Mark" <MJanzer@arcadis-us.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [94548] Wattmeter & calibrations
Message-ID: <B7ACE0966219D51199FF0090271F6520063C87@TX5SRV1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

As Bill (K5BDZ) knows, I've pestered him recently on wattmeters. I happened across a kit from Dan's Small Parts that includes Bill's article.

Having just made a large order with Dan's for a bunch of 2N2-40 parts for the Houston QRP club project, I had Dan add the kit, (as a separate part of the order).

It is the one movement version and when I get a roundtoit, looks like it'll be just the ticket, as Bill has stated. Thanks, Bill (and Dan)

73's
Mark, K5MGJ

"No man in the wrong can stand up against a fellow that's in the right and keeps on a-comin'" (Texas Ranger motto)

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of K5BDZ@aol.com
Sent: Monday, March 19, 2001 8:47 AM
To: Low Power Amateur Radio Discussion
Subject: Wattmeter & calibrations

As a 47 year ham and charter member of R.O.O.F (Royal Order of Old F_ _ ts)
a
few comments about SWR and Watt Meters.

First of all, in my opinion, we only need SWR meters to determine how our antenna is matched, or how properly our antenna tuner is tuned (and there's some comments to that, too). Other than that, the "wiggly meters" are just something to distract you when you're copying code above 55 wpm.

Next, in my opinion, we only need a watt meter to measure our outputs to insure our transmitter is either properly built and peaked, or to see how much power we can get out or what settings product what power levels. i.e. more test bench than full time operation.

That being said, my practice is to build a good two-toroid RF sensor (my favorite circuit is a four-port hybrid 50 ohm by Dave Stockton G4ZNQ article in SPRAT, Vol 61 - Winter '89 - '90 entitled A Bi-Directional Inline

Wattmeter - based on the Bruene circuit) and then feed two separate meters to monitor forward and reflected power. Dave's circuit is a very accurate and sensitive circuit, and simple to build.

THEN, if I MUST measure watts full time, separately and accurately, I sometimes build a separate power measuring circuit (I usually do it in with my RF Sensor above) in which I tap off via low pF capacitor and go thru switched trimpots to set the various power levels of interest and then to a power meter on which I make the face in order to maximize calibration of each scale at all levels. That way I get maximum accuracy at the various power levels. There is some variance due to frequency but not enough to be significant enough for my needs.

So much for my experiences. Does this help anyone?
Bill K5BDZ

Date: Tue, 20 Mar 2001 12:11:34 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <dpayton@fwi.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [94549] Re: Experiment - Surface Mounting Thru-hole Components
Message-ID: <200103201706.MAA27130@mail0.atl>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 3/17/01 12:48 AM, Dennis Payton at dpayton@fwi.com wrote:

>I've always wanted to try building by surface mounting full-size components.
>
>Has anybody else tried this?

You mean, like on purpose?

First circuit board I ever etched was for a 2m superregenerative receiver. The design in question was from the ARRL handbook, but I didn't etch a prepared design. Instead, I designed my own board.

I didn't account for the fact that the components were on one side of the board, and the lead positions reversed on the opposite side. When I realised my mistake, I ended up soldering all the components to the foil side of the board. It works.

For reasons I still don't understand, the receiver never worked. I think

I may have fried the dual-gate MOSFET from handling it. But I did learn something about designing PC boards....

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Tue, 20 Mar 2001 08:28:03 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-l@Lehigh.EDU
Subject: [94550] [TMPs] de W5USJ Correction
Message-ID: <3.0.2.32.20010320082803.007f3290@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I listed 3G=D8 twice.

Corrected DX list follows:

DX (23)
FR5, V3, J3, P43, VP5, 3D2, VE7, DK1, T32, J37,
W5/NA110, GM4, VE3, RA=D8, KP2, VE6, 3G=D8, C56, VP2, Z3,
ZL4, C02, F5,

Also added DE to states this a.m. for total of 34.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
RARA #3, NETXQRP web =96 <http://www.angelfire.com/tx4/netxqrpclub/>
[TMPs] Qs - 90, States - 34, DX - 23, 3W to HF9V (or W9INN Inv V)

Date: Tue, 20 Mar 2001 10:19:11 -0800
From: Russ Dow <n7dw@pacbell.net>
To: k3hw@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [94551] Re: QRP BOB???
Message-ID: <3AB79F1F.DCC80828@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

Hal and the list,

That's Bob Dyer, KD6VIO, owner of Wilderness Radio. A good man, as many on this list can tell you.

One day in 1997 he and I sat down together at his place and went through my Sierra, stage by stage. For at least 4 hours as I recall. Then we went to his club station and hitched our Sierras to a big beam for another couple of hours. That day remains one of my favorite ham memories.

73,
Russ N7DW

Howard Weinstein wrote:

>
> Gang,
>
> Please excuse my ignorance, but, Who is "QRP BOB"?
>
> Tnx es 72
>
> Hal K3HW
>
> -----
> Do You Yahoo!?
> Get email at your own domain with Yahoo! Mail.
> <http://personal.mail.yahoo.com/>

Date: Tue, 20 Mar 2001 12:20:46 -0600
From: Ken Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [94552] Padlette Co.
Message-ID: <20010320.122108.14518.1.n4so@juno.com>

www.paddlette.com

Yes, there are two t's and two d's

Email: bhams379627@aol.com

Source: QST mag. latest issue page 145 above the

AEA ad in the middle

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element mono. yagi
Elecraft K1 #260

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<http://dl.www.juno.com/get/tagj>.

Date: 20 Mar 2001 13:47:28 EST
From: Michael Goins <mgoins@usa.net>
To: qrp-1@LeHigh.EDU
Subject: [94553] attn: Brad Bilbrey only
Message-ID: <20010320184728.18656.qmail@aw164.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Brad,

your email bounced. I shipped the tuner yesterday - the money arrive too =
late
sat to get it out. Should be there soon. You'll like it - I have several
others that I'm keeping - one to use in case I ever want to be qro 100 wa=
tts
with the Kenwood 440, one that is with the TS-130 mobile feeding a 10 met=
er
whip, and one that is on top of the Scout 556. I run 1 watt 99% of the ti=
me.
Let me know when you get it.
mike

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Tue, 20 Mar 2001 13:48:47 -0500
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>

To: "'dpayton@fwi.com'" <dpayton@fwi.com>, Low Power Amateur Radio Discussion
<qrp-1@Lehigh.EDU>
Subject: [94554] RE: Surface Mounting Thru-hole Components "Subdivision Mounting"
Message-ID: <078F21595FA7D411B87B00805FA728E64A4654@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hey guys...

Rather than Manhattan construction, I do beleive this is more like
"Subdivision" construction. Think about it...

Jerry
W3CDE
Atlanta

-----Original Message-----

From: Dennis Payton [mailto:dpayton@fwi.com]
Sent: Monday, March 19, 2001 11:41 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Surface Mounting Thru-hole Components

>Isn't using "full-size components" to do quasi-"surface mounting" just
>like building something using Manhattan Style?

Hi Karl,

Well, I don't think so, but since you're the second person to say it is,
(out of only two responses to my posting) maybe I'm wrong -hi. I would argue
that most of my components are laying down instead of standing up, there are
traces connecting things together instead of wires, and, of course, no pads
and super glue.

I suppose there's not an official definition to Manhattan, but I thought
that gluing pads and standing up most of the components defined it.

72 Denny N9JXY

Date: Tue, 20 Mar 2001 14:33:10 -0500
From: "Victor Blackwell" <victor@brechnet.com>

To: <nilsbull@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [94555] Re: VOA transmitter site near Cincy active
Message-ID: <001401c0b174\$99bb8560\$365730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The West Chester Group is not getting that building. The will get the old dummy load building. I think it is about 15 feet square. The manager of the old VOA site fill me in on what was happening last Saturday at breakfast. Maybe the West Chester Club thought they were going to get the whole building. Surprise, surprise.

The antenna system, beaming to north Africa, was a 20 - 21 db, gain system, depending of freq. I forgot the gain of the Rombic heading south.

The curtain would make your Argonaut play like 500 watts. But just think of the receive possibilities.

Vic AD8K

Subject: VOA transmitter site near Cincy active

>
>Seems the West Chester Amateur Radio Club has gotten the old transmitter
>building site donated & they've set up a ham station inside. It's on the
>air (I guess this weekend) in celebration of the first VOA transmissions
>from the site.
>

Date: Tue, 20 Mar 2001 12:58:36 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-canada@lists.gpfn.sk.ca, qrp-l@lehigh.edu
Cc: gqrp@onelist.com, "Prof. Arnaldo Coro Antich" <inforhc@ip.etecsa.cu>
Subject: [94556] MAJOR STORM ALERT
Message-ID: <Pine.SUN.4.10.10103201224090.20844-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
A moderately sized solar flare this past weekend produced a coronal mass

ejection (CME) that struck the earth's magnetosphere yesterday (monday), triggering minor geomagnetic storming. Satellite sensors show it was a fairly strong shockwave (600 km/sec) with a very sudden onset, which drove the direction of the interplanetary magnetic field (IMF) southwards and triggered a minor (K=3 to 4) geomagnetic storm. Normally this type of storm dissipates within a few hours.

However, today (tuesday), the solar wind remains elevated around 500 km/s and the IMF continues to point southward. This continued agitation to our magnetic field is still fueling the storm and allowing it to grow in intensity, with K=5 to 7 indices so far tuesday for MAJOR geomagnetic storm activity. Yesterday's A-index is estimated to be 26 (geomagnetic disturbances averaged over 24-hours, while the K-index is the 3-hour average). With the K-index in the 5-7 range so far today, I would expect today's A-index to end up in the 80-100 range, indicating fairly strong, global effects from this storm.

ON THE HAM BANDS ... this means enhanced noise levels and bursty noise bursts around 20M and worse the lower in frequency you go. 30M is currently experiencing noise bursts and reduced signal levels; this evening, 40M will likely be quite noisy and poor signal strengths. NOAA is now estimating this storm will persist through wednesday. In the higher latitudes (Canada, Alaska, etc.) near blackout conditions exist in some areas and has been migrating southward since local sunrise today.

AURORA ALERT has been issued for above 50 degrees magnetic latitude, which in North America, extends from around Seattle southward to below Denver, then curving northwards to skim Great Lakes and New England. If the K index remains around 5 or higher by mid-evening, auroral activity is possible farther to the south than described above.

A geomagnetic storm has little effect above 20M, so 15-10M are unaffected. Although with the solar flux at 146, 10M openings are currently scarce and short lived.

Standard Disclaimer: This is an announcement of current storm conditions for those interested in the solar phenomenon or experiencing degraded HF conditions. This is not a severe blackout condition. It is not the end of the world or the death of ham radio as we know it :-). Do not dismantle your station at this time! Conditions are highly variable around the globe, with fair conditions in some areas, worse in others, and likely to subside tomorrow. Have a QSO on the lower bands and find out yourself.

72, Paul NA5N
National Radio Astronomy Observatory (NRAO)
Socorro, New Mexico

This is not an official forecast or opinion of the NRAO; strictly

personal.

Date: Tue, 20 Mar 2001 13:04:58 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-canada@lists.gpfn.sk.ca, qrp-l@lehigh.edu
Cc: gqrp@onelist.com, "Prof. Arnaldo Coro Antich" <inforhc@ip.etecsa.cu>
Subject: [94557] Another storm thought
Message-ID: <Pine.SUN.4.10.10103201258510.20844-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just happened to think ... with this increased solar wind pressure pushing against the earth, and out of the ordinary eddy currents due to the southward IMF, I wonder if this will cause a sudden change to the drag being experienced by MIR? I wouldn't be surprised if it suddenly comes tumbling into our atmosphere a bit ahead of the latest friday estimate. Many satellites in orbit, following a solar wind shockwave, release small bursts of gas to restore their orbits. Hmmm...

72, Paul NA5N

Date: Tue, 20 Mar 2001 15:38:31 -0500
From: "John P. Cummins, Sr." <jpcummins@charter.net>
To: noga <nogaqrp@qth.net>, qrp-l <qrp-l@lehigh.edu>
Subject: [94558] NoGaWaTT Meter Kits
Message-ID: <3AB7BFC7.A16F62F6@charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

NoGa (North Georgia QRP Club) has finished another production run of the world famous NoGaWatt Meter Kit. The NoGaWaTT was featured in a recent issue of the NJQRP "Homebrewer".

This is a QRP watt meter and swr meter kit based on the "Stockton" design found in the 1996 ARRL Handbook pp 22.36.

The kit includes 2 analog meters (forward and reverse), pc board and parts and instructions to complete the kit including a dummy load. Users supply the enclosure and connectors. The power out meter can be used for either 6 watts or 2 watts maximum or with the addition of a switch and another set of trim pots can be switched between these 2 ranges. The meter labels are included and were calibrated with a scope.

No batteries or external power are required to use this kit. The kit is Altoids compliant. Several club members have packaged the NoGaWatt with their NoGa PiG (Power Indicator/Guard) and never go out without them.

The NoGaWatt is priced at \$20 plus \$2 S/H domestic and \$3 DX per kit and can be ordered from:

North Georgia QRP Club
P.O. Box 173
Grayson, GA 30017

Make your checks out to North Georgia QRP Club.

Pickett, AD4S

Date: Tue, 20 Mar 2001 12:56:07 -0500
From: Somerville <somerville@uniserve.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [94559] Natural Voice Software/Firmware
Message-ID: <3AB799B6.BF46174F@uniserve.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A number of repeaters have natural voice annunciators. Does anyone know if these are DOS operated or are they done in firmware. I am particularly interested in a DOS operated system.

Regards John VE7CFG

Date: Tue, 20 Mar 2001 12:46:16 -0600
From: Ken Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [94560] Paddlette K-4 Keyer
Message-ID: <20010320.150123.14518.11.n4so@juno.com>

padlet.txt

Model K-4 Iambic Keyer

Source: QST July 2000, page 53 and K-4 Keyer Manual

Advertises in QST April 2001 page 145

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Bob KI7VY

Tel 425-743-1429

<http://www.paddlette.com>

Model KP-4 Key and Keyer combo, \$87 plus \$3 shipping.

Model K-4

\$51.20 total/including shipping

bham379627@aol.com

Model K-4 Iambic Keyer. Operates from a 3 volt lithium cell. Uses the latest Embedded Research CMOS keyer IC, the TiCK-4.

Non-volatile parameter storage for speed, mode, (iambic A or B) paddle select and audio on/off. If powered down, these four parameters settings remain in memory, thus saving resetting them when powering back up. Soldering to the dit and dah solder tabs on the stereo plug is not critical, since either paddle can be made the "dit" paddle by a software editing in parameter P.

A timer prevents the keyer from heavy current drain. In the sleep mode, the battery drain is 1 microamp, key up.

The keying transistor is a 2N7000 N-channel FET and replaces the normal bipolar keying transistor, which reduces key down current sharply.

Expected battery life is four years.

Ken Brown N4SO

Mobile, AL EM50tk

NorCal 20 at 5 watts

4 element mono. yagi

Elecraft K1 #260

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Date: Tue, 20 Mar 2001 13:16:18 -0800
From: <schoon@amgt.com>
To: <qrp-1@Lehigh.EDU>, <somerville@uniserve.com>
Subject: [94561] RE: Natural Voice Software/Firmware
Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-BDC-010320211618Z-953@ag-basalt-pxy.amgt.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

One of the easiest ways under DOS would be a soundcard.... Without knowing the exact application, this may not be a good solution.

HTH

.mark

>-----
>From: Somerville[SMTP:somerville@uniserve.com]
>Sent: Tuesday, March 20, 2001 9:56 AM
>To: Low Power Amateur Radio Discussion
>Subject: Natural Voice Software/Firmware
>
>A number of repeaters have natural voice annunciators. Does anyone
>know if these are DOS operated or are they done in firmware. I am
>particularily interested in a DOS operated system.
>
>Regards John VE7CFG
>
>
>

Date: Tue, 20 Mar 2001 16:36:01 -0500
From: Brad <wb8ygg@rochester.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [94562] Re: Paddlette K-4 Keyer
Message-ID: <01032016390801.00916@wb8ygg>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

By the way,
This guy makes a really nice product!
I have one, and love it.
I have no interest in his business, or Embedded Research ,
but I really like this stuff!
Plus this guy really beat the TiCK to death on leakage currents etc.
I know , I was on the phone with Bob many times!

73 Brad WB8YGG

On Tue, 20 Mar 2001, Ken Brown wrote:

- > padlet.txt
- > Model K-4 Iambic Keyer
- > Source: QST July 2000, page 53 and K-4 Keyer Manual
- > Advertises in QST April 2001 page 145
- >
- > PADDLETTE CO.
- > PO BOX 6036
- > Edmonds, WA 98026
- > Bob KI7VY
- >
- > Tel 425-743-1429
- > <http://www.paddlette.com>
- > Model KP-4 Key and Keyer combo, \$87 plus \$3 shipping.
- >
- > Model K-4
- > \$51.20 total/including shipping
- >
- > bham379627@aol.com
- >
- > Model K-4 Iambic Keyer. Operates from a 3 volt lithium cell. Uses
- > the latest Embedded Research CMOS keyer IC, the TiCK-4.
- > Non-volatile parameter storage for speed, mode, (iambic A or B)
- > paddle select and audio on/off. If powered down, these four parameters
- > settings remain in memory, thus saving resetting them when powering
- > back up. Soldering to the dit and dah solder tabs on the stereo plug
- > is not critical, since either paddle can be made the "dit" paddle by
- > a software editing in parameter P.
- > A timer prevents the keyer from heavy current drain. In the sleep
- > mode , the battery drain is 1 microamp, key up.
- > The keying transistor is a 2N7000 N-channel FET and replaces the normal
- > bipolar keying transistor, which reduces key down current sharply.
- > Expected battery life is four years.
- >
- >
- >
- >

>
>
> Ken Brown N4SO
> Mobile, AL EM50tk
> NorCal 20 at 5 watts
> 4 element mono. yagi
> Elecraft K1 #260
>
>
> -----
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> Join Juno today! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.

--

WB8YGG Brockport, NY

Date: Tue, 20 Mar 2001 16:54:55 -0500
From: "Victor Blackwell" <victor@brecnet.com>
To: <na5n@rt66.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [94563] Re: Another storm thought
Message-ID: <005001c0b188\$66b6d2a0\$4f5730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You bet it will. just think the same thing. The Russians have already messed up allowing the bird to get this low and going in on a small angle and will end up letting it skip out of control. This should be a good show before it is over. I think we are getting a lesson in how not to de-orbit. They usually do well. Where your hard hat.

Vic AD8K

>
>Just happened to think ... with this increased solar wind pressure pushing
>against the earth, and out of the ordinary eddy currents due to the
>soutward IMF, I wonder if this will cause a sudden change to the drag
>being experienced by MIR? I wouldn't be surprised if it suddenly comes
>tumbling into our atmosphere a bit ahead of the latest friday estimate.
>
>
>
>

Date: Tue, 20 Mar 2001 16:58:43 -0500 (EST)
From: laura fisher <wlfisher@bellatlantic.net>
To: George Heron <n2apb@erols.com>, QRP-L <qrp-l@Lehigh.EDU>, NJQRP@NJQRP.ORG
Cc: k2gvc@arrl.net
Subject: [94564] Another great article in QST
Message-ID: <385252506.985125524453.JavaMail.root@web443-wrb>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi guys looks like the NJQRP group as an great article in
APRIL, 2001 page 40 for another club project the {NJQRP SQUIRT}.
I just get mine today and looked at it reading the article on the SQUIRT.

Are there any of these left? If so how much?

I hope to see you guys in Balitmore next weekend 3/30/2001.
de 72 Bill K2GVC

Date: Tue, 20 Mar 2001 17:06:35 -0500
From: "Ron McConnell" <rcmcc@lucent.com>
To: <njqrp@njqrp.org>, "' . QRP-L'" <qrp-l@Lehigh.EDU>, "' . Eastern PA QRP Club'"
<epaqrp-l@Lehigh.EDU>
Cc: "'Ron Polityka'" <wb3aal@fast.net>
Subject: [94565] Lighthouses
Message-ID: <002201c0b18b\$f12b6f60\$8b29ff87@nj7460rcmcc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I stumbled into the last half of
the History Channel lighthouse show.
Very interesting. I plan to watch
for replays.

I'm sure it's occurred to any ham
living near a lighthouse that
they would be really neat operating locations,
assuming permission, insurance, ...

Two sources of many neat, but non-ham-related items and info on lighthouses are

<http://www.lighthousedepot.com>

<http://www.harbourlights.com>

At least one of them a US map showing all the 1500+ lighthouses. I was surprised to learn that the state with the most lighthouses is ... Michigan.

73,

Ron McConnell
w2iol@arrl.net

Date: Tue, 20 Mar 2001 17:45:52 -0500 (EST)
From: "John L. Sielke" <w2agn@pobox.com>
To: qrp-l@lehigh.edu
Subject: [94566] Pre-storm DX?
Message-ID: <XFMail.010320174552.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Just (2235Z) got ZD8K on 14.005 (listening 10 up) with the K2 at 4W. Happy Dance!!

John W2AGN

Date: Tue, 20 Mar 2001 17:49:05 -0500
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: "QRP-Post" <qrp-l@Lehigh.EDU>
Subject: [94567] PW-1 Question
Message-ID: <GAECLOGOMILPLBGKKPEGAEDHCFAA.crmabbott@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For the PW-1 users:

Do you have to adjust the antenna for each band you work or can you set a nominal condition and use a tuner to change between some of the bands?

I realize this may [or may not] be able to work in this manner, but I am wondering for any first hand experience.

Thanks in advance.

73 ES oo

=====

Chuck Mabbott

AA8VS

42 19' 52" N 83 28' 32" W

Grid Square EN82gh

Home Page: <http://aa8vs.dhs.org/aa8vs>

Date: Tue, 20 Mar 2001 17:54:28 -0500

From: Dave Fouchey <dafouchey@home.com>

To: na5n@rt66.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [94568] Re: Another storm thought

Message-ID: <4.1.20010320175259.0092d390@mail>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Paul you REALLY know how to make one sleep well at night...;-)

I wonder how much additional drag it will introduce and just how much it will distort the estimated entry trajectory? Any of our Aussie bretheren wearing hard hats until Friday?

dave

WA4EMR/8

At 01:04 PM 3/20/2001 -0700, Paul Harden, NA5N wrote:

>

>Just happened to think ... with this increased solar wind pressure pushing
>against the earth, and out of the ordinary eddy currents due to the
>soutward IMF, I wonder if this will cause a sudden change to the drag
>being experienced by MIR? I wouldn't be surprised if it suddenly comes
>tumbling into our atmosphere a bit ahead of the latest friday estimate.
>Many satelllites in orbit, following a solar wind shockwave, release
>small bursts of gas to restore their orbits. Hmmm...

>
>72, Paul NA5N
>
>
>

Date: Tue, 20 Mar 2001 23:16:43
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [94569] RE: Natural Voice Software/Firmware
Message-ID: <F308gxLDp7mvjk022Zh00005f94@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

John VE7CFG wrote:

>A number of repeaters have natural voice annunciators. Does
>anyone know if these are DOS operated or are they done in
>firmware. I am particularly interested in a DOS operated system.

They may use those ISD voice storage chips. Two minutes
worth of messages for \$10 should cover everything a repeater
would need to say...

You could shoehorn the essentials of a repeater controller
in to a Basic Stamp. We're not talking much smarts here.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Tue, 20 Mar 2001 18:29:00 EST
From: K5BDZ@aol.com
To: MJanzer@arcadis-us.com, qrp-1@lehigh.edu
Subject: [94570] Re: Wattmeter & calibrations
Message-ID: <22.137dd2e3.27e941bc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Mark

Thanks for the kind words.

On this Wattmeter kit, as on all others one secret (IMPORTANT) is to insure connecting a ground wire from the PC ground foil next to the PC board Input to the RF Input connector ground and connect a ground wire from the PC ground foil next to the PC board OUTput to the RF OUTput connector. Many kits don't tell you that, and it's a must do.

Also, wind both toroid cores the same direction.

FYI

Good luck and let me know how it goes.

Bill K5BDZ

Date: Tue, 20 Mar 2001 17:35:57 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: dafouchey@home.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [94571] Re: Another storm thought
Message-ID: <3AB7E95D.3AA43EF0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Dave Fouchey wrote:

>
> Paul you REALLY know how to make one sleep well at night...;-)
>
> I wonder how much additional drag it will introduce and just how much it
> will distort the estimated entry trajectory? Any of our Aussie bretheren
> wearing hard hats until Friday?

Aussies, how about Californians. Poor folks in California wouldnt even know it was coming, what with the power shut off. :-)

73 de Dave, N0IT

End of QRP-L Digest 2133

